



Author Index to Volume 329

- Abe, H., see Takazawa, K. 329 (2000) 405
Adamo, C., see Talarico, G. 329 (2000) 99
Akibo-Betts, G., P.E. Barran and A.J. Stace, Cluster-to-metal electron transfer in $[\text{Mn} \cdot (\text{pyridine})_n]^{2+}$ complexes 329 (2000) 431
Albaladejo, J., see Martínez, E. 329 (2000) 191
Alivisatos, P., see Lounis, B. 329 (2000) 399
Alleman, J.L., see Brown, C.M. 329 (2000) 311
Aloisio, S. and J.S. Francisco, The photochemistry of acetone in the presence of water 329 (2000) 179
Amenitsch, H., see Aswal, V.K. 329 (2000) 336
Anderson, N.A., K. Hang, J.B. Asbury and T. Lian, Ultrafast mid-IR detection of the direct precursor to the presolvated electron following electron ejection from ferrocyanide 329 (2000) 386
Andreev, S. and J.J. BelBruno, Detection of AuF by emission spectroscopy in a hollow cathode discharge 329 (2000) 490
Anglada, J.M., see Bofill, J.M. 329 (2000) 160
Aoiz, F.J., see Castillo, J.F. 329 (2000) 517
Asbury, J.B., see Anderson, N.A. 329 (2000) 386
Aswal, V.K., P.S. Goyal, S. De, S. Bhattacharya, H. Amenitsch and S. Bernstorff, Small-angle X-ray scattering from micellar solutions of gemini surfactants 329 (2000) 336
Aydil, E.S., see Walch, S.P. 329 (2000) 304
- Baer, M., The topological spin as a new assignment of electronic manifolds in molecular systems 329 (2000) 450
Bailey, S.R., see Sloan, J. 329 (2000) 61
Bandrauk, A.D., see Légaré, F. 329 (2000) 469
Barker, J.R., see Yan, T. 329 (2000) 84
Barni, R., see Riccardi, C. 329 (2000) 66
Barone, V., see Talarico, G. 329 (2000) 99
Barran, P.E., see Akibo-Betts, G. 329 (2000) 431
Bañares, L., see Castillo, J.F. 329 (2000) 517
Bechtel, H.A., see Lounis, B. 329 (2000) 399
BelBruno, J.J., see Andreev, S. 329 (2000) 490
Bernstorff, S., see Aswal, V.K. 329 (2000) 336
Bhattacharya, S., see Aswal, V.K. 329 (2000) 336
Bhattacharyya, K., see Mukhopadhyay, S. 329 (2000) 289
Bishop, D.M., B. Champagne, B. Kirtman, Comment on "Electronic versus vibrational optical non-linearities of push-pull polymers" by V. Chernyak, S. Tretiak and S. Mukamel 329 (2000) 329

- Bludský, O., see Xie, D. 329 (2000) 503
- Bofill, J.M., I.d.P.R. Moreira, J.M. Anglada and F. Illas, Large-scale matrix diagonalization methods by direct optimization of Taylor expansion of Rayleigh–Ritz quotient up to third order 329 (2000) 160
- Bolze, J., T. Fujisawa, T. Nagao, K. Norisada, H. Saitô and A. Naito, Small angle X-ray scattering and ^{31}P NMR studies on the phase behavior of phospholipid bilayered mixed micelles 329 (2000) 215
- Botschwina, P., see Verdes, D. 329 (2000) 228
- Bródka, A., see Gwóźdz, E. 329 (2000) 106
- Brown, C.M., T. Yildirim, D.A. Neumann, M.J. Heben, T. Gennett, A.C. Dillon, J.L. Alleman and J.E. Fischer, Quantum rotation of hydrogen in single-wall carbon nanotubes 329 (2000) 311
- Brown, G., see Sloan, J. 329 (2000) 61
- Budzelaar, P.H.M., see Talarico, G. 329 (2000) 99
- Bulone, D., see Martorana, V. 329 (2000) 221
- Cachau, R.E., see Ventura, O.N. 329 (2000) 145
- Cai, K., see Guo, D. 329 (2000) 346
- Calderon Moreno, J.M., S.S. Swamy, T. Fujino and M. Yoshimura, Carbon nanocells and nanotubes grown in hydrothermal fluids 329 (2000) 317
- Callender, R.L., see Sloan, J. 329 (2000) 61
- Capitelli, M., see Laricchiuta, A. 329 (2000) 526
- Castillo, J.F., F.J. Aoiz, L. Bañares and J. Santamaría, Quasi-classical trajectory study of the dynamics of the $\text{H} + \text{H}_2\text{O}$ reaction: differential cross-sections and product rotational polarization 329 (2000) 517
- Celiberto, R., see Laricchiuta, A. 329 (2000) 526
- Ceursters, B., H.M.T. Nguyen, J. Peeters and M.T. Nguyen, Experimental and theoretical study of the gas phase reaction of ethynyl radical with methane ($\text{HC}\equiv\text{C} + \text{CH}_4$) 329 (2000) 412
- Chakravorti, S., see Panja, S. 329 (2000) 377
- Chalmet, S. and M.F. Ruiz-López, New approaches to the description of short-range repulsion interactions in hybrid quantum/classical systems 329 (2000) 154
- Champagne, B., see Bishop, D.M. 329 (2000) 329
- Chelkowski, S., see Légaré, F. 329 (2000) 469
- Chen, Z., H. Jiao, A. Hirsch and W. Thiel, Fullerenes C_{36}^n ($n=0,2+,2-$) and their B- and N-doped analogues 329 (2000) 47
- Chen, Z., see Hu, H. 329 (2000) 255
- Chen, Z., see Srinivas, G.N. 329 (2000) 239
- Chiang, S.-Y., T.-T. Wang, J.-S.K. Yu and C.-h. Yu, Valence ionic states and dissociative photoionization of CH_3CFCl_2 with synchrotron radiation 329 (2000) 185
- Chien, S.-H., see Wang, X. 329 (2000) 483
- Choi, Y.G., K.H. Kim, Y.S. Han and J. Heo, Oxidation state and local coordination of chromium dopant in soda-lime-silicate and calcium-aluminate glasses 329 (2000) 370
- Coleman, K.S., see Sloan, J. 329 (2000) 61
- Cui, Z., see Liang, C.H. 329 (2000) 323
- Cvjetičanin, N., see Šajinović, D. 329 (2000) 168
- Czuchaj, E. and M. Krośnicki, CCSD(T) calculation of the ground-state potential curves for the Cd-rare gas van der Waals molecules 329 (2000) 495

- Datsyuk, V.V., 120 nm stimulated anti-Stokes Raman scattering in the active medium of the KrF laser 329 (2000) 477
- Daub, J., see Kollmannsberger, M. 329 (2000) 363
- De, S., see Aswal, V.K. 329 (2000) 336
- Díaz de Mera, Y., see Martínez, E. 329 (2000) 191
- Dillon, A.C., see Brown, C.M. 329 (2000) 311
- Dodziuk, H., G. Dolgonos and O. Lukin, Ease of formation of nested fullerenes 329 (2000) 351
- Dolgonos, G., see Dodziuk, H. 329 (2000) 351
- Domcke, W., see Sobolewski, A.L. 329 (2000) 130
- Dong, R.Y., On a motional model for spin relaxation in liquid crystals 329 (2000) 92
- Dunin-Borkowski, R.E., see Sloan, J. 329 (2000) 61
- El-Nahas, A.M., On the existence of $\text{Cu}^{2+}(\text{NH}_3)_{1,2}$ and $\text{Cu}^{2+}(\text{OH}_2)_{1,2}$ in the gas phase 329 (2000) 176
- Fan, K.-n., see Lu, J. 329 (2000) 461
- Firth, S., see Stace, A.J. 329 (2000) 173
- Fischer, J.E., see Brown, C.M. 329 (2000) 311
- Flahaut, E., see Sloan, J. 329 (2000) 61
- Fois, E., A. Gamba and G. Tabacchi, First-principles simulation of the intracage oxidation of nitrite to nitrate sodalite 329 (2000) 1
- Fontanesi, M., see Riccardi, C. 329 (2000) 66
- Francisco, J.S., see Aloisio, S. 329 (2000) 179
- Friedrichs, S., see Sloan, J. 329 (2000) 61
- Fujino, T., see Calderon Moreno, J.M. 329 (2000) 317
- Fujisawa, T., see Bolze, J. 329 (2000) 215
- Gamba, A., see Fois, E. 329 (2000) 1
- Gennett, T., see Brown, C.M. 329 (2000) 311
- Gerion, D., see Lounis, B. 329 (2000) 399
- Girardet, C., see Toubin, C. 329 (2000) 331
- Goodings, J.M., see Guo, J. 329 (2000) 393
- Gordillo, M.C. and J. Martí, Hydrogen bond structure of liquid water confined in nanotubes 329 (2000) 341
- Goyal, P.S., see Aswal, V.K. 329 (2000) 336
- Green, M.L.H., see Sloan, J. 329 (2000) 61
- Gui, Z.-l., see Guo, D. 329 (2000) 346
- Guo, D., K. Cai, L.-t. Li, Y. Huang, Z.-I. Gui and H.-s. Zhu, Electrodeposition of diamond-like amorphous carbon films on Si from *N,N*-dimethylformamide 329 (2000) 346
- Guo, H., see Xie, D. 329 (2000) 503
- Guo, J. and J.M. Goodings, Recombination coefficients for H_3O^+ ions with electrons e^- and with Cl^- , Br^- and I^- at flame temperatures 1820–2400 K 329 (2000) 393
- Gustavsson, T., see Tran-Thi, T.-H. 329 (2000) 421
- Gwóźdz, E., K. Pasterny and A. Bródka, Molecular dynamics simulation study of polar liquid crystal molecules in slit pores 329 (2000) 106
- Hamilton, T.P., see Srinivas, G.N. 329 (2000) 239
- Han, Y.S., see Choi, Y.G. 329 (2000) 370
- Hang, K., see Anderson, N.A. 329 (2000) 386
- Hase, W.L., see Yan, T. 329 (2000) 84

- Heben, M.J., see Brown, C.M. 329 (2000) 311
Heo, J., see Choi, Y.G. 329 (2000) 370
Hirao, K., see Nakajima, T. 329 (2000) 511
Hirata, F., see Mitsutake, A. 329 (2000) 295
Hirsch, A., see Chen, Z. 329 (2000) 47
Hoang, P.N.M., see Toubin, C. 329 (2000) 331
Honvault, P. and J.-M. Launay, Quantum chaos in atom–diatom reactive collisions 329 (2000) 233
Hore, P.J., see Stass, D.V. 329 (2000) 15
Hu, H., D. Zhang, Z. Chen and C. Liu, Influence of structural parameters of Cu_2O_2 core on magnetic coupling in alkoxo-bridged Cu(II) binuclear system 329 (2000) 255
Hu, H.-r., see Wang, X. 329 (2000) 483
Huang, Y., see Guo, D. 329 (2000) 346
Hutchison, J.L., see Sloan, J. 329 (2000) 61
Hynes, J.T., see Tran-Thi, T.-H. 329 (2000) 421
- Iachello, F., see Müller, T. 329 (2000) 271
Ikeda, R., see Nihei, T.-a. 329 (2000) 7
Illas, F., see Bofill, J.M. 329 (2000) 160
Ishida, H., see Nihei, T.-a. 329 (2000) 7
Ishida, T., see Kosugi, N. 329 (2000) 138
Ishihara, H., see Nihei, T.-a. 329 (2000) 7
Ishimaru, S., see Nihei, T.-a. 329 (2000) 7
- Jani, Z. and J.P. Malrieu, A multi-reference coupled cluster formalism for the study of the lowest eigenstates of Hubbard Hamiltonians 329 (2000) 119
Jiao, H., see Chen, Z. 329 (2000) 47
Jiménez, E., see Martínez, E. 329 (2000) 191
- Kaneko, K., see Ohkubo, T. 329 (2000) 71
Kellö, V., A.J. Sadlej and P. Pyykkö, The nuclear quadrupole moment of ^{45}Sc 329 (2000) 112
Kieninger, M., see Ventura, O.N. 329 (2000) 145
Kim, K.H., see Choi, Y.G. 329 (2000) 370
Kinoshita, M., see Mitsutake, A. 329 (2000) 295
Kirtman, B., see Bishop, D.M. 329 (2000) 329
Kollmannsberger, M., K. Rurack, U. Resch-Genger, W. Rettig and J. Daub, Design of an efficient charge-transfer processing molecular system containing a weak electron donor: spectroscopic and redox properties and cation-induced fluorescence enhancement 329 (2000) 363
Kosugi, N. and T. Ishida, Molecular field and spin–orbit splittings in the 2p ionization of second-row elements: a Breit–Pauli approximation applied to OCS, SO_2 , and PF_3 329 (2000) 138
Krośnicki, M., see Czuchaj, E. 329 (2000) 495
Kunzmann, M.K., see Signorell, R. 329 (2000) 52
- La Fata, L., see Martorana, V. 329 (2000) 221
Laaksonen, A., see Tu, Y. 329 (2000) 283
Lammertsma, K., see Srinivas, G.N. 329 (2000) 239
Laricchiuta, A., R. Celiberto and M. Capitelli, Electron impact cross-sections for electronic excitation of vibrationally excited O_2 to $\text{B}^3\Sigma_u^-$ state 329 (2000) 526

- Launay, J.-M., see Honvault, P. 329 (2000) 233
- Lee, S. and S.R. Leone, Rate coefficients for the reaction of C_2H with O_2 at 90 K and 120 K using a pulsed Laval nozzle apparatus 329 (2000) 443
- Légaré, F., S. Chelkowski and A.D. Bandrauk, Preparation and alignment of highly vibrationally excited molecules by CARP – chirped adiabatic Raman passage 329 (2000) 469
- Leone, S.R., see Lee, S. 329 (2000) 443
- Li, L.-t., see Guo, D. 329 (2000) 346
- Li, W.-K., see Wang, X. 329 (2000) 483
- Lian, T., see Anderson, N.A. 329 (2000) 386
- Liang, C.H., G.W. Meng, L.D. Zhang, Y.C. Wu and Z. Cui, Large-scale synthesis of β -SiC nanowires by using mesoporous silica embedded with Fe nanoparticles 329 (2000) 323
- Linares-Solano, see Ohkubo, T. 329 (2000) 71
- Linnartz, H., see Pfluger, D. 329 (2000) 29
- Linnartz, H., see Verdes, D. 329 (2000) 228
- Liu, C., see Hu, H. 329 (2000) 255
- Loukova, G.V. and V.A. Smirnov, Phosphorescent ligand-to-metal charge-transfer excited states in the group IVB metallocene triad 329 (2000) 437
- Lounis, B., H.A. Bechtel, D. Gerion, P. Alivisatos and W.E. Moerner, Photon antibunching in single CdSe/ZnS quantum dot fluorescence 329 (2000) 399
- Lu, J., F.-w. Shao and K.-n. Fan, Coherent control of the photodissociation of CH_3I and IBr 329 (2000) 461
- Lukin, O., see Dodziuk, H. 329 (2000) 351
- Madhu, P.K., see Vinogradov, E. 329 (2000) 207
- Maier, J.P., see Pfluger, D. 329 (2000) 29
- Malrieu, J.P., see Jani, Z. 329 (2000) 119
- Marinović-Cincović, M., see Šajinović, D. 329 (2000) 168
- Marković, N., see Tomsic, A. 329 (2000) 200
- Maroudas, D., see Walch, S.P. 329 (2000) 304
- Martínez, E., J. Albaladejo, E. Jiménez, A. Notario and Y. Díaz de Mera, Temperature dependence of the limiting low- and high-pressure rate constants for the CH_3O+NO_2+He reaction over the 250–390 K temperature range 329 (2000) 191
- Martí, J., see Gordillo, M.C. 329 (2000) 341
- Martorana, V., L. La Fata, D. Bulone and P.L. San Biagio, Potential of mean force between two ions in a sucrose rich aqueous solution 329 (2000) 221
- McLauchlan, K.A., see Stass, D.V. 329 (2000) 15
- Meng, G.W., see Liang, C.H. 329 (2000) 323
- Mitsutake, A., M. Kinoshita, Y. Okamoto and F. Hirata, Multicanonical algorithm combined with the RISM theory for simulating peptides in aqueous solution 329 (2000) 295
- Moerner, W.E., see Lounis, B. 329 (2000) 399
- Moreira, I.d.P.R., see Bofill, J.M. 329 (2000) 160
- Motylewski, T., see Pfluger, D. 329 (2000) 29
- Mukhopadhyay, S. and K. Bhattacharyya, The uncertainty principle and a semiclassical nonlinear differential equation formulation for bound states 329 (2000) 289
- Müller, T., P.H. Vaccaro, F. Pérez-Bernal and F. Iachello, Algebraic approach for the calculation of polyatomic Franck–Condon factors: application to the vibronically resolved absorption spectrum of disulfur monoxide (S_2O) 329 (2000) 271

- Nachtigall, P., see Xie, D. 329 (2000) 503
Nagao, T., see Bolze, J. 329 (2000) 215
Naito, A., see Bolze, J. 329 (2000) 215
Nakajima, T. and K. Hirao, Numerical illustration of third-order Douglas–Kroll method: atomic and molecular properties of superheavy element 112 329 (2000) 511
Natarajan, P., see Prakash, H. 329 (2000) 357
Nedeljković, J.M., see Šajinović, D. 329 (2000) 168
Neumann, D.A., see Brown, C.M. 329 (2000) 311
Nguyen, H.M.T., see Ceursters, B. 329 (2000) 412
Nguyen, M.T., see Ceursters, B. 329 (2000) 412
Nihei, T.-a., S. Ishimaru, H. Ishida, H. Ishihara and R. Ikeda, Hydrogen transfer in hydrogen-bonded chloranilic acid studied by ^{35}Cl NQR I – a 1:2 complex with 1,4-diazine 329 (2000) 7
Norisada, K., see Bolze, J. 329 (2000) 215
Notario, A., see Martínez, E. 329 (2000) 191
Novotny, M.C., see Sloan, J. 329 (2000) 61
- Ohkubo, T., C.-M. Yang, E. Raymundo-Piñero, Linares-Solano and K. Kaneko, High-temperature treatment effect of microporous carbon on ordered structure of confined SO_2 329 (2000) 71
Ohta, K., Time-dependent variational principle with constraints 329 (2000) 248
Okamoto, Y., see Mitsutake, A. 329 (2000) 295
Okamoto, Y., see Sugita, Y. 329 (2000) 261
- Panja, S., P. Ranjan Bangal and S. Chakravorti, Modulation of photophysics due to orientational selectivity of 4-*N,N*-dimethylamino cinnamaldehyde β -cyclodextrin inclusion complex in different solvents 329 (2000) 377
Pasterny, K., see Gwózdź, E. 329 (2000) 106
Peeters, J., see Ceursters, B. 329 (2000) 412
Pérez-Bernal, F., see Müller, T. 329 (2000) 271
Pettersson, J.B.C., see Tomsic, A. 329 (2000) 200
Pfluger, D., T. Motylewski, H. Linnartz, W.E. Sinclair and J.P. Maier, Rotationally resolved $\text{A}^2\Pi_u \leftarrow \text{X}^2\Pi_g$ electronic spectrum of tetraacetylene cation 329 (2000) 29
Picaud, S., see Toubin, C. 329 (2000) 331
Pommeret, S., see Tran-Thi, T.-H. 329 (2000) 421
Prakash, H. and P. Natarajan, Photooxidation of nickel(II) macrocyclic complexes by mono- and biphotonic processes from the charge-transfer to solvent excited states in aqueous solutions 329 (2000) 357
Prayer, C., see Tran-Thi, T.-H. 329 (2000) 421
Pyykkö, P., see Kellö, V. 329 (2000) 112
- Ramalingam, S., see Walch, S.P. 329 (2000) 304
Ranjan Bangal, P., see Panja, S. 329 (2000) 377
Raymundo-Piñero, E., see Ohkubo, T. 329 (2000) 71
Resch-Genger, U., see Kollmannsberger, M. 329 (2000) 363
Rettig, W., see Kollmannsberger, M. 329 (2000) 363
Riccardi, C., R. Barni, M. Fontanesi and P. Tosi, Gaseous precursors of diamond-like carbon films in CH_4/Ar plasmas 329 (2000) 66

- Ruiz-López, M.F., see Chalmet, S. 329 (2000) 154
- Rurack, K., see Kollmannsberger, M. 329 (2000) 363
- Sadlej, A.J., see Kellö, V. 329 (2000) 112
- Saitô, H., see Bolze, J. 329 (2000) 215
- Šajinović, D., Z.V. Šaponjić, N. Cvjetičanin, M. Marinović-Cincović and J.M. Nedeljković, Synthesis and characterization of CdS quantum dots–polystyrene composite 329 (2000) 168
- Šaponjić, Z.V., see Šajinović, D. 329 (2000) 168
- San Biagio, P.L., see Martorana, V. 329 (2000) 221
- Santamaría, J., see Castillo, J.F. 329 (2000) 517
- Schmitt, U.W. and G.A. Voth, The isotope substitution effect on the hydrated proton 329 (2000) 36
- Semaltianos, N.G., Surface morphology and current–voltage characteristics of monolayer Langmuir–Blodgett films of conjugated organic molecules 329 (2000) 76
- Shao, F.-w., see Lu, J. 329 (2000) 461
- Signorell, R., M.K. Kunzmann and M.A. Suhm, FTIR investigation of non-volatile molecular nanoparticles 329 (2000) 52
- Sinclair, W.E., see Pfluger, D. 329 (2000) 29
- Skipper, N.T., see Titiloye, J.O. 329 (2000) 23
- Sloan, J., M.C. Novotny, S.R. Bailey, G. Brown, C. Xu, V.C. Williams, S. Friedrichs, E. Flahaut, R.L. Callender, A.P.E. York, K.S. Coleman, M.L.H. Green, R.E. Dunin-Borkowski and J.L. Hutchison, Two layer 4:4 co-ordinated KI crystals grown within single walled carbon nanotubes 329 (2000) 61
- Smirnov, V.A., see Loukova, G.V. 329 (2000) 437
- Sobolewski, A.L. and W. Domcke, Photoinduced charge separation in indole–water clusters 329 (2000) 130
- Srinivas, G.N., Z. Chen, T.P. Hamilton and K. Lammertsma, A theoretical study of B_2Li_6 329 (2000) 239
- Stace, A.J., N.R. Walker, R.R. Wright and S. Firth, Comment on “Do $Cu^{2+}NH_3$ and $Cu^{2+}H_2O$ exist?: theory confirms yes!” (Chemical Physics Letters 318 (2000) 333–339) 329 (2000) 173
- Stace, A.J., see Akibo-Betts, G. 329 (2000) 431
- Stass, D.V., J.R. Woodward, C.R. Timmel, P.J. Hore and K.A. McLauchlan, Radiofrequency magnetic field effects on chemical reaction yields 329 (2000) 15
- Sugita, Y. and Y. Okamoto, Replica-exchange multicanonical algorithm and multicanonical replica-exchange method for simulating systems with rough energy landscape 329 (2000) 261
- Suhai, S., see Ventura, O.N. 329 (2000) 145
- Suhm, M.A., see Signorell, R. 329 (2000) 52
- Swamy, S.S., see Calderon Moreno, J.M. 329 (2000) 317
- Tabacchi, G., see Fois, E. 329 (2000) 1
- Takazawa, K., H. Abe and H. Wada, Zeeman electronic spectra of gaseous NO in very high magnetic fields up to 25 T 329 (2000) 405
- Talarico, G., P.H.M. Budzelaar, V. Barone and C. Adamo, A theoretical study of the competition between ethylene insertion and chain transfer in cationic aluminum systems 329 (2000) 99
- Thiel, W., see Chen, Z. 329 (2000) 47

- Tian, A., see Wang, X. 329 (2000) 483
Timmel, C.R., see Stass, D.V. 329 (2000) 15
Titiloye, J.O. and N.T. Skipper, Computer simulation of the structure and dynamics of methane in hydrated Na-smectite clay 329 (2000) 23
Tomsic, A., N. Marković and J.B.C. Pettersson, Direct scattering and trapping-desorption of large water clusters from graphite 329 (2000) 200
Tosi, P., see Riccardi, C. 329 (2000) 66
Toubin, C., P.N.M. Hoang, S. Picaud and C. Girardet, Time study of pollutants at the surface of ice at 200 K 329 (2000) 331
Tran-Thi, T.-H., T. Gustavsson, C. Prayer, S. Pommeret and J.T. Hynes, Primary ultrafast events preceding the photoinduced proton transfer from pyranine to water 329 (2000) 421
Tu, Y. and A. Laaksonen, The electronic properties of water molecules in water clusters and liquid water 329 (2000) 283

Vaccaro, P.H., see Müller, T. 329 (2000) 271
Vega, S., see Vinogradov, E. 329 (2000) 207
Ventura, O.N., M. Kieninger, R.E. Cachau and S. Suhai, Density functional computational thermochemistry: determination of the enthalpy of formation of sulfine, $\text{CH}_2=\text{S}=\text{O}$, at room temperature 329 (2000) 145
Verdes, D., H. Linnartz and P. Botschwina, Spectroscopic and theoretical characterisation of the ν_2 band of $\text{Ar} \cdots \text{DN}_2^+$ 329 (2000) 228
Vinogradov, E., P.K. Madhu and S. Vega, A bimodal Floquet analysis of phase modulated Lee-Goldburg high resolution proton magic angle spinning NMR experiments 329 (2000) 207
Voth, G.A., see Schmitt, U.W. 329 (2000) 36

Wada, H., see Takazawa, K. 329 (2000) 405
Walch, S.P., S. Ramalingam, E.S. Aydil and D. Maroudas, Mechanism and energetics of dissociative adsorption of SiH_3 on the hydrogen-terminated $\text{Si}(001)-(2 \times 1)$ surface 329 (2000) 304
Walker, N.R., see Stace, A.J. 329 (2000) 173
Wang, T.-T., see Chiang, S.-Y. 329 (2000) 185
Wang, X., H.-r. Hu, A. Tian, N.B. Wong, S.-H. Chien and W.-K. Li, An isomeric study of N_5^+ , N_5 , and N_5^- : a Gaussian-3 investigation 329 (2000) 483
Williams, V.C., see Sloan, J. 329 (2000) 61
Wong, N.B., see Wang, X. 329 (2000) 483
Woodward, J.R., see Stass, D.V. 329 (2000) 15
Wright, R.R., see Stace, A.J. 329 (2000) 173
Wu, Y.C., see Liang, C.H. 329 (2000) 323
Wysong, I.J., Measurement of quenching rates of $\text{CO}(a^3\Pi, v=0)$ using laser pump-and-probe technique 329 (2000) 42

Xie, D., H. Guo, O. Bludský and P. Nachtigall, Absorption and resonance emission spectra of $\text{SO}_2(\tilde{X}^1\text{A}_1/\tilde{C}^1\text{B}_2)$ calculated from ab initio potential energy and transition dipole moment surfaces 329 (2000) 503
Xu, C., see Sloan, J. 329 (2000) 61

Yan, T., W.L. Hase and J.R. Barker, Identifying trapping desorption in gas-surface scattering 329 (2000) 84

- Yang, C.-M., see Ohkubo, T. 329 (2000) 71
Yildirim, T., see Brown, C.M. 329 (2000) 311
York, A.P.E., see Sloan, J. 329 (2000) 61
Yoshimura, M., see Calderon Moreno, J.M. 329 (2000) 317
Yu, C.-h., see Chiang, S.-Y. 329 (2000) 185
Yu, J.-S.K., see Chiang, S.-Y. 329 (2000) 185
- Zhang, D., see Hu, H. 329 (2000) 255
Zhang, L.D., see Liang, C.H. 329 (2000) 323
Zhu, H.-s., see Guo, D. 329 (2000) 346

